W Y Li

List of Publications by Year in descending order

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		394421	434195
41	1,005	19	31
papers	citations	h-index	g-index

47	47	47	985
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structure of Pc 5 Compressional Waves Observed in the Duskside Outer Magnetosphere: MMS Observations. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	2
2	Fine Structures of the Electron Current Sheet in Magnetotail Guideâ€Field Reconnection. Geophysical Research Letters, 2022, 49, .	4.0	5
3	Magnetospheric Multiscale Mission Observations of Lower-hybrid Drift Waves in Terrestrial Magnetotail Reconnection with Moderate Guide Field and Asymmetric Plasma Density. Astrophysical Journal, 2022, 933, 208.	4.5	4
4	Effect of the Electric Field on the Agyrotropic Electron Distributions. Geophysical Research Letters, 2021, 48, e2020GL091437.	4.0	3
5	Kinetic Interaction of Cold and Hot Protons With an Oblique EMIC Wave Near the Dayside Reconnecting Magnetopause. Geophysical Research Letters, 2021, 48, e2021GL092376.	4.0	6
6	Impacts of Ionospheric Ions on Magnetic Reconnection and Earth's Magnetosphere Dynamics. Reviews of Geophysics, 2021, 59, e2020RG000707.	23.0	26
7	Upperâ€Hybrid Waves Driven by Meandering Electrons Around Magnetic Reconnection X Line. Geophysical Research Letters, 2021, 48, e2021GL093164.	4.0	13
8	Statistical Characteristics in the Spectrum of Whistler Waves Near the Diffusion Region of Dayside Magnetopause Reconnection. Geophysical Research Letters, 2021, 48, .	4.0	9
9	Electron Pitch Angle Distributions in Compressional Pc5 Waves by THEMISâ€A Observations. Geophysical Research Letters, 2021, 48, e2021GL095730.	4.0	5
10	Solar wind â€•magnetosphere coupling during radial interplanetary magnetic field conditions: simultaneous multiâ€point observations. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029506.	2.4	1
11	Secondary Magnetic Reconnection at Earthâ€™s Flank Magnetopause. Frontiers in Astronomy and Space Sciences, 2021, 8, .	2.8	3
12	Electron Bernstein waves driven by electron crescents near the electron diffusion region. Nature Communications, 2020, 11, 141.	12.8	26
13	Lower Hybrid Waves at the Magnetosheath Separatrix Region. Geophysical Research Letters, 2020, 47, e2020GL089880.	4.0	6
14	The Effects of Upperâ€Hybrid Waves on Energy Dissipation in the Electron Diffusion Region. Geophysical Research Letters, 2020, 47, e2020GL089778.	4.0	3
15	Highâ€Frequency Waves Driven by Agyrotropic Electrons Near the Electron Diffusion Region. Geophysical Research Letters, 2020, 47, e2020GL087111.	4.0	6
16	Electron Heating by Debye-Scale Turbulence in Guide-Field Reconnection. Physical Review Letters, 2020, 124, 045101.	7.8	31
17	Electron Mixing and Isotropization in the Exhaust of Asymmetric Magnetic Reconnection With a Guide Field. Geophysical Research Letters, 2020, 47, e2020GL087159.	4.0	4
18	MMS Observations of Multiscale Hall Physics in the Magnetotail. Geophysical Research Letters, 2019, 46, 10230-10239.	4.0	5

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19	Prolonged Kelvinâ€“Helmholtz Waves at Dawn and Dusk Flank Magnetopause: Simultaneous Observations by MMS and THEMIS. Astrophysical Journal, 2019, 875, 57.	4.5	10
20	Mass Loading the Earth's Dayside Magnetopause Boundary Layer and Its Effect on Magnetic Reconnection. Geophysical Research Letters, 2019, 46, 6204-6213.	4.0	21
21	Crescentâ€Shaped Electron Distributions at the Nonreconnecting Magnetopause: Magnetospheric Multiscale Observations. Geophysical Research Letters, 2019, 46, 3024-3032.	4.0	17
22	Electrostatic Spacecraft Potential Structure and Wake Formation Effects for Characterization of Cold Ion Beams in the Earth's Magnetosphere. Journal of Geophysical Research: Space Physics, 2019, 124, 10048-10062.	2.4	17
23	Highâ€density O⁺ in Earth's outer magnetosphere and its effect on dayside magnetopause magnetic reconnection. Journal of Geophysical Research: Space Physics, 2019, 124, 10257-10269.	2.4	14
24	Perpendicular Current Reduction Caused by Cold Ions of Ionospheric Origin in Magnetic Reconnection at the Magnetopause: Particleâ€inâ€Cell Simulations and Spacecraft Observations. Geophysical Research Letters, 2018, 45, 10,033.	4.0	17
25	Observations of Kelvinâ€Helmholtz Waves in the Earth's Magnetotail Near the Lunar Orbit. Journal of Geophysical Research: Space Physics, 2018, 123, 3836-3847.	2.4	13
26	Magnetic depression and electron transport in an ion-scale flux rope associated with Kelvinâ€“Helmholtz waves. Annales Geophysicae, 2018, 36, 879-889.	1.6	12
27	Observations of kineticâ€size magnetic holes in the magnetosheath. Journal of Geophysical Research: Space Physics, 2017, 122, 1990-2000.	2.4	70
28	MMS Observation of Magnetic Reconnection in the Turbulent Magnetosheath. Journal of Geophysical Research: Space Physics, 2017, 122, 11,442.	2.4	73
29	Mass and Energy Transfer Across the Earth's Magnetopause Caused by Vortexâ€Induced Reconnection. Journal of Geophysical Research: Space Physics, 2017, 122, 11,505.	2.4	35
30	Cold Ionospheric Ions in the Magnetic Reconnection Outflow Region. Journal of Geophysical Research: Space Physics, 2017, 122, 10,194.	2.4	19
31	Energy budget and mechanisms of cold ion heating in asymmetric magnetic reconnection. Journal of Geophysical Research: Space Physics, 2017, 122, 9396-9413.	2.4	24
32	Turbulent mass transfer caused by vortex induced reconnection in collisionless magnetospheric plasmas. Nature Communications, 2017, 8, 1582.	12.8	63
33	Electron jet of asymmetric reconnection. Geophysical Research Letters, 2016, 43, 5571-5580.	4.0	66
34	Kinetic evidence of magnetic reconnection due to Kelvinâ€Helmholtz waves. Geophysical Research Letters, 2016, 43, 5635-5643.	4.0	47
35	Magnetic reconnection and modification of the Hall physics due to cold ions at the magnetopause. Geophysical Research Letters, 2016, 43, 6705-6712.	4.0	45
36	Cold ion demagnetization near the Xâ€line of magnetic reconnection. Geophysical Research Letters, 2016, 43, 6759-6767.	4.0	35

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37	Signatures of complex magnetic topologies from multiple reconnection sites induced by Kelvinâ€Helmholtz instability. Journal of Geophysical Research: Space Physics, 2016, 121, 9926-9939.	2.4	35
38	Properties of Kelvinâ€Helmholtz waves at the magnetopause under northward interplanetary magnetic field: Statistical study. Journal of Geophysical Research: Space Physics, 2014, 119, 7485-7494.	2.4	43
39	Global features of Kelvinâ€Helmholtz waves at the magnetopause forâ€‰northward interplanetary magnetic field. Journal of Geophysical Research: Space Physics, 2013, 118, 5118-5126.	2.4	25
40	Spatial distribution of Kelvinâ€Helmholtz instability at lowâ€latitude boundary layer under different solar wind speed conditions. Journal of Geophysical Research, 2012, 117, .	3.3	37
41	Evaluation of whistlerâ€mode chorus intensification on the nightside during an injection event observed on the THEMIS spacecraft. Journal of Geophysical Research, 2009, 114, .	3.3	108